

**HONESTY OF ATHLETICS' YOUNG CATCHER**



Wally Schang of Philadelphia.

Four words spoken by Wally Schang, Connie Mack's great young catcher, brought to an abrupt ending an argument which threatened to assume the proportion of a small riot during a game with the Cleveland Naps on Sunday last season.

The decision was close, and as the Mackmen were fighting to hold the lead, also was a mighty important one. The play came up at the Cleveland League park. It happened on a Sunday about the middle of August. Chief Bender was chased from the box that day.

Terry Turner scored the first of four runs in the seventh inning, which gave the Naps the game. Turner made one of his famous head-first slides into the home plate. Billy Evans, who was umpiring, called him out and then immediately changed his decision.

To the Athletic players of course it looked as if Schang had touched

Turner out. But Evans noticed that just as Schang tried to touch Turner's hand with the ball, Terry slipped his hand aside. Schang, instead of tagging Turner's hand, tagged the ground. Turner then deftly slid his hand back to the plate. When Evans saw Schang apparently touch Terry's hand, he called him out, but when he saw Terry slip his hand aside and then tag the plate, he pronounced him safe.

Athletic players, led by Eddie Collins, ran in and kicked with might and main. Connie Mack wig-wagged with his score card and Schang walked to the Philadelphia bench, followed by the kicking Athletics.

"What was the trouble at the plate?" Mack asked of Schang. "Didn't you get Turner?"

"No, I missed him," was Schang's surprising reply.

Fans gasped with surprise when they saw the Athletics return to their stations without saying another word.

**SHANKS IS CLEVER FIELDER**

Manager Clarke Griffith Puts One of His Players Ahead of This Speaker of Boston Red Sox.

"Howard Shanks is, in my mind, the greatest fielding outfielder in baseball."

This is the complimentary estimate of Clarke Griffith, when the manager was discussing the defensive strength of the whole Washington combination.

"Like the rest of them, Shanks makes his errors, but if he has a chronic weakness in fielding I have yet to discover it. He can come forward, go backward or move to either side. No one is his equal in handling grounders and he throws so fast and accurately that he keeps the value of hits down to the minimum."

"I have often rated Tris Speaker as the leader, but now I give Shanks the place. In fact, I doubt if there has ever been a much better fielder than Howard."

"We all know that Shanks is no world beater when it comes to hitting,



Howard Shanks.

but he has always met the ball so hard that there is still hope for the tide to turn, and then—

"Furthermore, I would like to see any club in the country present a stronger defense than we do when Johnson is pitching with Almsmith catching. They beat us once in a while with this crew going, but whenever they do they know they have been in a battle," concluded the manager.

**Cubs Overworking Play.**

The Cubs are overworking one play—a trick that is a bird when properly executed, and a lemon if clumsily attempted. This play is the bunt with a man on and one down. Under such circumstances the infield does not expect a bunt, and goes back, thus making it a cinch for a fast runner to reach first. But the bunt must be turned so as to roll slowly toward third base—and the Cubs bunt straight in front of the plate, where the catcher can pick it up and chuck it along ahead of the gasbag.

**Destructive as Toothpicks.**

The Rankin Johnson who pitched the Red Sox to victory over Walter Johnson, played with Syracuse last year, and in an exhibition game made the hats of the Giants as destructive as so many toothpicks.

**ONE-ARMED PLAYER IS STAR**

Dick Hooper, With Texas University Team, Makes Many Sensational Catches in Outfield.

Texas University owns a baseball player to whom a "sensational one-handed catch" is a matter of daily occurrence. To go further still, he has never been known to use two hands in catching a fly ball, and he works in the outfield, too.

The reason is that he is a one-armed player, and he's the star of the club, at that. His name is Dick Hooper, and he always plays center field for his alma mater.

Hooper, who handles himself surprisingly well in the garden, is a wonder. He does not get away with the real sensational runs or leaps into the air, but he does get away with remarkably pretty fielding work, as a fly is always certain when he can get under it.

Hooper is a fair batter, also. It is almost a shame, according to the view of the average fan, that the pitcher does not let up on this one-armed man. But the pitchers have to watch Dick closely. He gets hits unexpectedly and is known to do the least expected things. He is not a home run hitter, but he is fairly reliable and can make good use of bunting in sacrifice.

**Rickey Starts a School.**

Manager Branch Rickey of the St. Louis Browns is starting competition with Charley Carr and Billy Doyle, promoters of baseball schools. Rickey has announced that all St. Louis youngsters who think they can play ball are welcome to report to him and get schooling. Ten ambitious youths took advantage of the offer on the day it was made.

**Phillips Lands a Star.**

Manager Bill Phillips of the Indianapolis Fed team, announces with a good deal of gusto that he has landed a star southpaw in Pitcher Boyd, who had to quit the game last year in the Southern League because of a dead arm and failed in an attempt to come back in the South this spring because of the arm's refusal to deliver.

**Stovall's Hands Bother Him.**

Manager George Stovall of the Kansas City Federals found out right soon that his hands, which had troubled him while with the St. Louis Browns, would not permit him to play regularly and he is likely to finish the season as a bench manager, convinced that his playing days are over.

**Leonard to Study Medicine.**

Joe Leonard, third base recruit, with Pittsburgh, is only twenty years old. Two years ago he gave up high school and joined the Des Moines club in the Western League, where he made good. Leonard plans to take up the study of medicine at Notre Dame university at the close of the 1914 season.

**May Sign Walsh.**

George Walsh, the old Fordham player, who has been showing so much in practise with the Columbia squad, seems destined for the Brooklyn Nationals. Manager Robinson tried him out the other day and liked the way he sized up.

**Yank Some Warbler.**

"Marty" McFale leads in chorus singing. That is a daily feature of life as a Yankee. McFale is a fine vocalist and is well supported by a large cast.



**MANGANESE IN PHILIPPINES**

Export Dues Prevent Development of Industry—Ore Discovered in Large Quantities.

According to the bureau of science at Manila, manganese ore has been discovered in the Philippines in considerable quantities, and it seemed possible to develop the industry, but when the matter was looked into it appeared that an export warpage charge exists on all kinds of ore.

If the ore were taken in ballast to Japan, this charge would not be serious, but if it were shipped to the west coast of America, the freight rate would reduce profits to the vanishing point. The same is true in regard to iron ore.

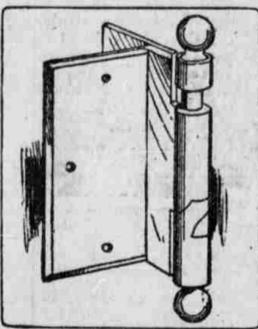
A geologist from Japan in the employ of the Mitsui Bussan Kaisha, examined the iron deposits on a small island in Mambuloa bay in Ambos Camarines where iron ore occurs, but the royalty to be paid to the persons owning the land, and the export dues, would leave little for the expenses of mining and the profit.

The bureau recommends that as soon as possible the law should be altered, remitting these export dues.

**PLEASING TO HOUSEKEEPERS**

Objectionable Threshold Dispensed With by Invention of Hinge—Door Opening is Sealed.

The exposed threshold at interior doors leaves an unfinished appearance to the room which is objectionable to most housekeepers, and the inventor has endeavored to relieve her of this



Improved Door Hinge.

eyesore by designing a hinge which dispenses entirely with the threshold. By consulting the accompanying cut it will be readily seen how, as the door is opened, the action of the hinge is to raise the bottom of the door about half an inch, so that it moves entirely free of the carpet. As the door is closed the lowest point is reached when the door reaches its place in the frame, so that the opening below is so slight that the door opening is practically sealed.

**PLATINUM IN GOLD PLACERS**

Process Invented for Saving Fine Powdery Grains of This Metal in Oregon and Elsewhere.

The constantly increasing demand for platinum, especially for the manufacture of gas mantles, has led to the invention of a process of saving the fine powdery grains of this metal found in the gold placer deposits of southern Oregon and elsewhere.

This platinum, being in a state of very fine division, almost in the form of dust, will not settle in a placer sluice so long as the water is briskly stirred, says Popular Electricity. After the metal-bearing water has passed over a riffle table, on which nearly all the gold settles, it is drawn more slowly over a cocoa mat riffle on which the platinum settles, and is then collected by rinsing the mats over tanks. Formerly the platinum was all wasted, at first because its identity was not recognized, and afterward because no process was then known for saving it.

**Pencils From Germany.**

German pencil factories produce annually about three million gross of lead, colored, copying and slate pencils and pnholders, which Consul life states have a value of \$2,500,000, but that the American output is greater (\$4,500,000 in value in 1905).

**Windmill on Tubular Plan.**

An Oregon inventor's windmill is mounted on a tubular column instead of a tower, and its blades, moving horizontally, are shielded when moving against the wind by a screen that is governed by a wind vane.

**Metal Railroad Ties.**

The scarcity of wood for general purposes and the increasing cost of wooden railway ties in Europe has encouraged the manufacture and general use of metal ties in recent years in the railways on the continent. About seventy per cent of the ties in use on the federal railways of Switzerland are metal.

**Lead Pencil Manufacture.**

Lead pencil manufacture in the United States is consuming 73,000,000 feet of lumber annually, of which about one-half is estimated to be wasted in sharpening or throwing away short ends.

**Improving Rubber.**

A Pennsylvania inventor claims to have greatly increased the strength and durability of rubber without impairing it in any way by adding vanadium as it is being manufactured.

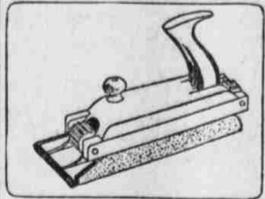
**Nails From Rubber.**

Rubber nails, for places where metal ones would corrode, are a novelty from Germany.

**SANDPAPER PLANE IS HANDY**

Works Rapidly and Saves Person's Fingers From Being Lacerated—Tool is Popular.

There are several types of sandpapering planes, but one of the best is that designed by a Louisiana man and shown in the cut. It holds 12 sheets of sandpaper when full and saves the fingers from laceration. The base of the plane is detachably joined to the body and the sandpaper sheets are held in place by having their edges clamped between the two sections. When the outside sheet is worn out a knife is inserted under it and the lower part cut off. The remaining pieces are then pulled out of the clamping bars and a fresh sheet is ready for use. This tool is bound to be popular with carpenters, cabinet makers, paint-



Sandpaper Plane.

ers and woodworkers in general, as it is a big improvement over the primitive method of sandpapering, where the workmen tacks a sheet of the sandpaper on a board and then scrapes some of the skin off his fingers in using it. The plane, too, is capable of much faster work than a mere covered board, the handle and knob giving good purchase for pushing.

**GAS PIPES MADE OF PAPER**

Compressed, Dried and Otherwise Treated Tubes Become Rigid and Not Liable to Leakage.

Serviceable gas pipes can be made out of paper, according to a French authority which states that such piping is now being manufactured by two processes. In the first, the pulp is run into a mold through which a mandrel passes. It is then compressed, dried and varnished, the tubes so produced being rigid, and but little liable to leakage. In the other process, sheets of manila paper are cut to a breadth equal to the desired length of the tube, and then given a bath in asphalt in a state of fusion. Then, when half cold, the sheets are rolled tightly and uniformly round an iron core, successive sheets being added until the desired thickness is attained. The tube is then subjected to pressure in a special machine and covered with fine sand, which adheres to the asphalt.

**TOOL TO REMOVE WALLPAPER**

Practical Implement Devised by German Paper Hanger Does Its Work Neatly and Quickly.

A practical tool has been invented by a German paper hanger, by the aid of which old paper may be more readily removed from the walls of



Tool for Removing Wallpaper.

rooms, before hanging fresh wallpaper. A number of toothed disks are mounted on a shaft revolving in a yoke to which a handle is attached. By rolling this implement over the wall the paper is perforated, and when soaked in the ordinary way the moisture penetrates between the wall and the old paper, making removal easy.

**INDUSTRIAL AND MECHANICAL NOTES**

Norway is enjoying a boom in its clothing industry.

Melted alum will effectively cement broken china or glass.

A thin paste of wood ashes and lemon juice will renew tarnished brass.

England last year imported 18,495,000 hundredweights of refined sugar and candy.

In 1911 France had 3,009,626 bicycles, as compared with 2,697,406 the previous year.

Pure turpentine will evaporate from white paper, leaving no trace; if adulterated, it will leave a spot.

A new English portable vacuum cleaner can be used as a seat, table, cabinet, music stool or pedestal.

In Germany there has been invented a fireproof celluloid, chiefly for use in automobile windows and windshields.

Though even its tips are made of metal, a new flexible tube invented in France for gas connections is leak proof.

The manufacture of a hydraulic binder from iron furnace slag has become a commercial success in Germany.

More than sixty-five million pounds of aluminum were consumed in various industries in the United States last year—a new high record.

Nine mines in ten, the world over, are richer in the first thousand feet than in the second, and but few are worth operating below 2,000 feet.

**MOST CRUEL OF RELIGIONS**

That of the Ancient Mexicans Surely the Most Infamous Recorded in History.

The temples were called teocalli or "God's house," and rivaled in size as they resembled in form the temples of ancient Babylon. They were pyramids on a square or oblong base, rising in successive terraces to a small summit platform. The great teocalli of Huitzilopochtli in the City of Mexico stood in an immense square, whence radiated the four principal thoroughfares. Its courtyard being inclosed by a square, of which the stone wall, called the coatapantli or serpent wall, from its sculptured serpents, measured nearly a quarter of a mile on each side. In the center, the oblong pyramid of rubble cased with heavy stone and cemented, 275x300 feet at the base, and rising steeply in five terraces to the height of 86 feet, showed conspicuously to the city the long procession of priests and victims winding along the terraces and up to corner flights of steps. On the paved platform were the three-story tower temples on whose ground floor stood the stone images and altars, and before that of the war god the green stone of sacrifice, humped so as to bend the body of the victim that the priest might more easily slash open the breast with his obsidian knife, tear out the heart and hold it up before the god, while the captor and his friends were waiting below for the carcass to be tumbled down the steps for them to carry home to be cooked for the feast of victory. Before the shrines reeking with the stench of slaughter, the eternal fires were kept burning, and on the platform stood the huge drum, covered with snakes' skins, whose fearful sound was heard for miles. From the terrace could be seen seventy or more temples within the enclosure, with their images and blazing fires, and the tzompantli or "skull-place," where the skulls of victims by tens of thousands were skewered on cross-sticks or built into towers. There also might be seen the flat circular temalcacal or "spindle-stone," where captives armed with wooden weapons were allowed the mockery of a gladiatorial fight against well-armed champions.

**American Catacombs and Mummies.**

Recent publicity has been given to the wonders of the cliff-villages of the Gila canyon in New Mexico, where the lofty pumice or tufa walls of the excavated dwellings of a nation of dwarfs, whose mummies here and there found, preserved by the stone dust for centuries, are clad in woven clothes, and ornamented with gay feathers at neck and waist. The remains of an adult man of this people measured only 23 inches in height, and the doors and windows of their homes in the rock are hardly passable by a half-grown girl. Like the dwarf temples of Yucatan—of which Le Plongeon wrote so entertainingly—hovel, mansion, fortress, and temple, seem like toys made with infinite pains for the children of a remote past; indeed, an antiquity fixed by the best authorities at least as far back as 6,000 years ago.—National Magazine.

**Shows How Carelessness Costs.**

In a big store the general manager recently instituted a plan tending to eliminate poor handwriting among the company's employees. When errors or delays occur in getting out orders through inability to read the order slips he summons all clerks who have been careless in that respect to the assembly room at the close of the day. There all incorrectly and poorly written checks are flashed by a stereopticon upon a large screen, and in each instance the employees are told how much the carelessness has cost the store and what steps had been necessary to rectify the trouble. As all the checks are numbered each clerk knows when his careless work is being made the subject of the illustrated criticism, and as a result few examples of carelessness and poor writing now are in evidence and the delivery and filling of orders have been greatly facilitated.

**Worse to Come.**

The regular trombone player of a Scottish orchestra was laid up with a cold, and the conductor reluctantly accepted the services of a brass band amateur. He was a little doubtful, however, as to the suitability of his substitute.

After the first performance the new player asked the conductor how he had done.

The conductor replied that he had done pretty fairly, but that perhaps he would do better next night.

The newcomer, eyeing him gratefully, answered: "Man, ye see, the music is a' strange tae me the night, and I'm no' jest shair o' yet, but you wait tae the morn's night, an' ye'll no hear ane o' thae fiddles at a'."

**Discusses Intricate Questions.**

Few citizens have even heard of the American Mathematical society, to say nothing of the fact that its delving in the science of figures have been of value to European savants. And yet the society has been in existence for many years, has a membership of 710, including 66 life members, publishes essays and text-books on mathematics and has a library of 4,902 volumes.

The society discusses with ease such complex problems as: The restricted problem of three bodies, the fourth dimension, the Fredholm determinant, covariant curves of the plane, rational quintic and cyclic systems of osculating circles of curves on a surface. The last subject does not refer to kissing!

**Mortgaged His Grave.**

Some remarkable expedients were resorted to by Burnley football enthusiasts in order to raise money to visit London to witness the English cup final. One Burnley man, it is stated, who owned a grave in the public cemetery, mortgaged his "plot," which was worth 28 10s. for £2 to a bookmaker, and expended the money on traveling and other expenses incidental to the occasion.—London Mail.

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